

## DIVISION OF BUILDING SAFETY ELECTRICAL BUREAU

### INTRA-DIVISIONAL MEMO

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DATE: December 18, 2003

TO: All Inspectors

FROM: Jeff Fitzloff  
Electrical Inspection Program Supervisor

SUBJECT: Cords and Cord Caps for Disconnects

It has been brought to the Bureau's attention; cord sets are being used instead of disconnects with-in sight of the water heater or locks on the breakers.

Article 422.16(A) of the NEC states that Flexible cord shall be permitted for the connection of appliances to, 1. Facilitate their frequent interchange or to prevent the transmission of noise or vibration, or 2. To facilitate the removal or disconnection of appliances that are fastened in place, where the fastening means and mechanical connections are specifically designed to permit ready removal for maintenance/repair and the appliance is intended or identified for cord connection. Water heaters are not intended or identified for flexible cord connection.

